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 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2  Apr 08  "Ask CAS" for self-help around the clock
 NEWS  3  Apr 09  BEILSTEIN: Reload and Implementation of a New Subject Area
 NEWS  4  Apr 09  ZDB will be removed from STN
 NEWS  5  Apr 19  US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
 NEWS  6  Apr 22  Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
 NEWS  7  Apr 22  BIOSIS Gene Names now available in TOXCENTER
 NEWS  8  Apr 22  Federal Research in Progress (FEDRIP) now available
 NEWS  9  Jun 03  New e-mail delivery for search results now available
 NEWS 10  Jun 10  MEDLINE Reload
 NEWS 11  Jun 10  PCTFULL has been reloaded
 NEWS 12  Jul 02  FOREGE no longer contains STANDARDS file segment
 NEWS 13  Jul 22  USAN to be reloaded July 28, 2002;
                  saved answer sets no longer valid
 NEWS 14  Jul 29  Enhanced polymer searching in REGISTRY
 NEWS 15  Jul 30  NETFIRST to be removed from STN
 NEWS 16  Aug 08  CANCERLIT reload
 NEWS 17  Aug 08  PHARMAMarketLetter(PHARMAML) - new on STN
 NEWS 18  Aug 08  NTIS has been reloaded and enhanced
 NEWS 19  Aug 19  Aquatic Toxicity Information Retrieval (AQUIRE)
                  now available on STN
 NEWS 20  Aug 19  IFIPAT, IFICDB, and IFIUDB have been reloaded
 NEWS 21  Aug 19  The MEDLINE file segment of TOXCENTER has been reloaded
 NEWS 22  Aug 26  Sequence searching in REGISTRY enhanced
 NEWS 23  Sep 03  JAPIO has been reloaded and enhanced
 NEWS 24  Sep 16  Experimental properties added to the REGISTRY file
 NEWS 25  Sep 16  Indexing added to some pre-1967 records in CA/CAPLUS
 NEWS 26  Sep 16  CA Section Thesaurus available in CAPLUS and CA
 NEWS 27  Oct 01  CASREACT Enriched with Reactions from 1907 to 1985

 NEWS EXPRESS  February 1 CURRENT WINDOWS VERSION IS V6.0d,
               CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
               AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 13:54:53 ON 09 OCT 2002

=> file ca, medline, biosis
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'CA' ENTERED AT 13:55:11 ON 09 OCT 2002
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FILE 'MEDLINE' ENTERED AT 13:55:11 ON 09 OCT 2002

FILE 'BIOSIS' ENTERED AT 13:55:11 ON 09 OCT 2002
COPYRIGHT (C) 2002 BIOLOGICAL ABSTRACTS INC.(R)

=> s (dipeptidyl peptidase IV) or (DPP IV)
L1        3408 (DIPEPTIDYL PEPTIDASE IV) OR (DPP IV)

=> s intranasally?
L2        7065 INTRANASALLY?

=> s l1 (p) l2
L3           1 L1 (P) L2

=> d

L3   ANSWER 1 OF 1  CA  COPYRIGHT 2002 ACS
AN   136:96044  CA
TI   Method of treating rhinitis or sinusitis by intranasally
     administering dipeptidyl peptidase IV or
     other peptidase
IN   Grouzmann, Eric; Lacroix, Jean-Silvain; Monod, Michel
PA   B.M.R.A. Corporation B.V., Neth.
SO   U.S., 13 pp.
     CODEN: USXXAM
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
PI   US 6337069         B1   20020108       US 2001-794236   20010228
     WO 2002067967      A2   20020906       WO 2002-IB225    20020121
          W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
              CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
              GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
              LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
              PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
              UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
              CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
              BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2001-794236    A    20010228
PE.CNT  23     THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> s nasal? or nose or spray or aerosol?
L4      340288 NASAL? OR NOSE OR SPRAY OR AEROSOL?
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=> s l4 (p) l1
L5            9 L4 (P) L1

=> dup rem l5
PROCESSING COMPLETED FOR L5
L6            6 DUP REM L5 (3 DUPLICATES REMOVED)

=> d his

     (FILE 'HOME' ENTERED AT 13:54:53 ON 09 OCT 2002)

     FILE 'CA, MEDLINE, BIOSIS' ENTERED AT 13:55:11 ON 09 OCT 2002
L1         3408 S (DIPEPTIDYL PEPTIDASE IV) OR (DPP IV)
L2         7065 S INTRANASALLY?
L3            1 S L1 (P) L2
L4       340288 S NASAL? OR NOSE OR SPRAY OR AEROSOL?
L5            9 S L4 (P) L1
L6            6 DUP REM L5 (3 DUPLICATES REMOVED)

=> d 1-6 ab,bib

L6   ANSWER 1 OF 6  CA  COPYRIGHT 2002 ACS
AB   The present invention is directed to methods of treating mucosal
     inflammation associated with rhinitis or sinusitis by administering
     peptidases that recognize and cleave polypeptides at Xaa-Pro sequences.
     The peptidase is an exopeptidase selected from the group, consisting of:
     dipeptidyl peptidase IV, quiescent cell proline dipeptidase, dipeptidyl
     peptidase 8, and attractin.  In addition, the invention encompasses
     therapeutic packages in which pharmaceutical compns. containing the peptidases
     are preloaded in a device suitable for intranasally delivering drug.
AN   136:96044  CA
TI   Method of treating rhinitis or sinusitis by intranasally administering
     dipeptidyl peptidase IV or other peptidase
IN   Grouzmann, Eric; Lacroix, Jean-Silvain; Monod, Michel
PA   B.M.R.A. Corporation B.V., Neth.
SO   U.S., 13 pp.
     CODEN: USXXAM
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.        KIND  DATE           APPLICATION NO.   DATE
     ---------------   ----  ------ -       ----------------  --------
PI   US 6337069         B1   20020108       US 2001-794236    20010228
     WO 2002067967      A2   20020906       WO 2002-IB225     20020121
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
             UA, UG, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,
             CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
PRAI US 2001-794236    A    20010228
RE.CNT  23     THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6   ANSWER 2 OF 6     MEDLINE
AB   INTRODUCTION: The endothelial serine protease dipeptidyl
     peptidase IV (DPP IV) cleaves the
     tyrosin-prolin dipeptide of several inflammatory mediators and
     neuropeptides, including neuropeptide Y (NPY), yielding the endogenous
     Y2-receptor agonist NPY (3-36) which modulates sensory and parasympathetic
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nerve activity. The aims of the study were to investigate the localisation of **DPP IV** in human **nasal** mucosa and to measure in vitro activity of **DPP IV** in **nasal** mucosa biopsies from patients suffering from chronic rhinosinusitis. PATIENTS AND METHODS: Using immunohistochemistry we have studied the localisation of **DPP IV** in human **nasal** biopsies. The activity of **DPP IV** was measured in vitro in **nasal** mucosa samples obtained from 45 patients suffering from chronic rhinosinusitis and compared with the density of inflammatory cell infiltration. RESULTS: Positive immunoreactivity for **DPP IV** was observed in the human **nasal** mucosa. Low activity of **DPP IV** was associated with high density of inflammatory cells in the mucosa of patients suffering from chronic rhinosinusitis. The regressive correlation was statistically significant ($p < 0.001$). CONCLUSION: Low level **DPP IV** activity is associated with inflammation of the **nasal** mucosa. This enzyme may be involved in the pathophysiological mechanism of **nasal** hyperreactivity and chronic rhinosinusitis.

AN 2001098041 MEDLINE
DN 21022724 PubMed ID: 11141955
TI [Study of the enzyme peptidyl peptidase IV in nasal mucosa]. Etude de l'enzyme **dipeptidyl peptidase IV** dans la muqueuse **nasale**.
AU Giger R; Nicoucar K; Kurt A M; Grouzman E; Lacroix J S
CS Laboratoire de rhinologie experimentale/Clinique et Policlinique d'oto-rhino-laryngologie et chirurgie cervico-faciale, Hopitaux Universitaires de Geneve.
SO SCHWEIZERISCHE MEDIZINISCHE WOCHENSCHRIFT. JOURNAL SUISSE DE MEDECINE, (2000) Suppl 125 99S-101S.
Journal code: 0404401. ISSN: 0036-7672.
CY Switzerland
DT Journal; Article; (JOURNAL ARTICLE)
LA French
FS Priority Journals
EM 200102
ED Entered STN: 20010322
Last Updated on STN: 20020212
Entered Medline: 20010201

L6 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AB Introduction: The endothelial serine protease **dipeptidyl peptidase IV** (**DPP IV**) cleaves the tyrosin-prolin dipeptide of several inflammatory mediators and neuropeptides, including neuropeptide Y (NPY), yielding the endogenous Y2-receptor agonist NPY (3-36) which modulates sensory and parasympathetic nerve activity. The aims of the study were to investigate the localisation of **DPP IV** in human **nasal** mucosa and to measure in vitro activity of **DPP IV** in **nasal** mucosa biopsies from patients suffering from chronic rhinosinusitis. Patients and methods: Using immunohistochemistry we have studied the localisation of **DPP IV** in human **nasal** biopsies. The activity of **DPP IV** was measured in vitro in **nasal** mucosa samples obtained from 45 patients suffering from chronic rhinosinusitis and compared with the density of inflammatory cell infiltration. Results: Positive immunoreactivity for **DPP IV** was observed in the human **nasal** mucosa. Low activity of **DPP IV** was associated with high density of inflammatory cells in the mucosa of patients suffering from chronic rhinosinusitis. The regressive correlation was statistically significant ($p < 0.001$). Conclusion: Low level **DPP IV** activity is associated with inflammation of the **nasal** mucosa. This enzyme may be involved in the pathophysiological mechanism of **nasal** hyper-reactivity and chronic rhinosinusitis.
AN 2001:148531 BIOSIS

DN PREV200100148531
TI Study of the protease **dipeptidyl peptidase IV** in the **nasal** mucosa.
Original Title: Etude de l'enzyme **dipeptidyl peptidase IV** dans la muqueuse **nasale**..
AU Giger, R. (1); Nicoucar, K.; Kurt, A.-M.; Grouzman, E.; Lacroix, J.-S.
CS (1) Clinique et Policlinique d'Oto-rhino-laryngologie et de Chirurgie Cervico-faciale, Hopitaux Universitaires de Geneve, CH-1211, Geneve 14 Switzerland
SO Schweizerische Medizinische Wochenschrift, (2000) Vol. 130, No. Supplementum 125, pp. 99S-101S. print.
ISSN: 0036-7672.
DT Article
LA French
SL English; French

L6 ANSWER 4 OF 6 CA COPYRIGHT 2002 ACS DUPLICATE 1
AB The activities of some enzymes were described in the developing human **nasal** cavity in relatively early stages. In cryostat sections of the 8-14-wk-old fetuses processed by standard Lojda methods, activities of the following enzymes were found in the respiratory and olfactory regions: alkaline phosphatase, acid phosphatase, ATPase, thiamin pyrophosphatase, α-glycerol-3-phosphate dehydrogenase, glucose 6-phosphate dehydrogenase, succinate dehydrogenase, and acid nonspecific esterase. The pos. reaction for **dipeptidyl-peptidase IV** failed to be proven in this localization, it was not detected even in the capillary bed of the **nasal** cavity.
AN 123:194720 CA
TI Enzymic equipment of the nasal mucosa in the developing human nasal cavity
AU Pospisilova, Eva; Lichnovsky, Vaclav
CS Medical Faculty, Palacky University, Olomouc, Czech Rep.
SO Acta Universitatis Palackianae Olomucensis, Facultatis Medicae (1994), 137, 23-6
CODEN: AUPMAF; ISSN: 0301-2514
PB Vydavatelstvi Univerzity Palackeho
DT Journal
LA English

L6 ANSWER 5 OF 6 CA COPYRIGHT 2002 ACS DUPLICATE 2
AB The localization of dipeptidylpeptidase IV (**DPP IV**) activity was studied at light microscope level in the mucosa, glands and capillary endothelium of the human foetuses and rat, mouse and guinea pig in some prenatal and postnatal terms. Alkaline phosphatase reaction was used for complete histochem. demonstration of capillary endothelium. The two enzymes were mapped by Lojda's methods (12). The study brings knowledge of the localization of **DPP IV** activity in the **nasal** cavity structures and gives a different time survey of the onset of **DPP IV** activity during ontogenesis. Considering this activity we can presume that this membrane-bound protease **DPP IV** may participate in the metabolism of neuropeptides in the **nasal** cavity and play some role in immunol. disturbances of patients with rhinitis.
AN 122:28409 CA
TI Histochemical study of dipeptidylpeptidase IV in the nasal cavity organs of laboratory rodents and man
AU Kubisova, Ilona; Pospisilova, Blanka
CS Department of Anatomy, Slovakia
SO Sbornik Vedeckych Praci Lekarske Fakulty Univerzity Karlovy v Hradci Kralove (1992), 35(4), 285-92
CODEN: SVLKAO; ISSN: 0049-5514
PB Univerzita Karlova
DT Journal
LA English

L6 ANSWER 6 OF 6 CA COPYRIGHT 2002 ACS
AB Dipeptidylpeptidase IV (**DPP IV**) was studied by electron and light microscopy in Pacinian corpuscles of mesentery and simple sensory corpuscles from the hairless skin of the planum **nasale** of the cat. Under the light microscope, **DPP IV** was localized in all capsule lamellae in the preterminal parts of Pacinian corpuscles. In simple sensory corpuscles, the narrow streak and capillaries at the surface and capillaries entering their capsule showed distinct staining. At the electron microscope level, a fine reaction product was scattered in the cytoplasm in all capsule lamellae, mainly around endoplasmic reticulum close to the nuclei of both the capsule and the inner core cells. Amorphous reaction product was bound to the plasma membrane of the inner core lamellae and the Schwann cells of nerve bundles. In simple sensory corpuscles, heavy deposits of reaction product were found in the cytoplasm of capsule lamellae with or without basement membrane. **DPP IV** was also seen in lysosomes and in vacuole membranes of both types of lamellae.
AN 101:36466 CA
TI Localization of DPP IV in sensory corpuscles by means of light and electron microscope
AU Dubovy, P.; Malinovsky, L.
CS Med. Fac., J. E. Purkyne Univ., Brno, Czech.
SO Histochem. J. (1984), 16(4), 473-5
CODEN: HISJAE; ISSN: 0018-2214
DT Journal
LA English

=> d his

(FILE 'HOME' ENTERED AT 13:54:53 ON 09 OCT 2002)

FILE 'CA, MEDLINE, BIOSIS' ENTERED AT 13:55:11 ON 09 OCT 2002
L1 3408 S (DIPEPTIDYL PEPTIDASE IV) OR (DPP IV)
L2 7065 S INTRANASALLY?
L3 1 S L1 (P) L2
L4 340288 S NASAL? OR NOSE OR SPRAY OR AEROSOL?
L5 9 S L4 (P) L1
L6 6 DUP REM L5 (3 DUPLICATES REMOVED)

=> s l4 and l1
L7 10 L4 AND L1

=> s l7 not l5
L8 1 L7 NOT L5

=> d

L8 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS
AN 130:308784 CA
TI Novel fluorescent reporter molecules and their applications including assays for caspases
IN Weber, Eckard; Cai, Sui Xiong; Keana, John F. W.; Drewe, John A.; Zhang, Han-Zhong
PA Cytovia, Inc., USA
SO PCT Int. Appl., 203 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9918856	A1	19990422	WO 1998-US21231	19981009

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,

DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG,
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX,
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT,
UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

	CA 2308125	AA	19990422	CA 1998-2308125	19981009
	AU 9910722	A1	19990503	AU 1999-10722	19981009
	EP 1026988	A1	20000816	EP 1998-953317	19981009
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001519368	T2	20011023	JP 2000-515498	19981009
	US 6342611	B1	20020129	US 1998-168888	19981009
	US 6335429	B1	20020101	US 2000-521650	20000308
PRAI	US 1997-61582P	P	19971010		
	US 1998-33661	A	19980303		
	US 1998-145746P	P	19980303		
	US 1998-168888	A3	19981009		
	WO 1998-US21231	W	19981009		

OS MARPAT 130:308784
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d ab,bib

L8 ANSWER 1 OF 1 CA COPYRIGHT 2002 ACS
AB The present invention relates to novel fluorescent dyes, novel fluorogenic and fluorescent reporter mols. and new enzyme assay processes that can be used to detect the activity of caspases and other enzymes involved in apoptosis in whole cells, cell lines and tissue samples derived from any living organism or organ. The reporter mols. and assay processes can be used in drug screening procedures to identify compds. which act as inhibitors or inducers of the caspase cascade in whole cells or tissues. The reagents and assays described herein are also useful for determining the chemosensitivity of human cancer cells to treatment with chemotherapeutic drugs. The present invention also relates to novel fluorogenic and fluorescent reporter mols. and new enzyme assay processes that can be used to detect the activity of type 2 methionine aminopeptidase, **dipeptidyl peptidase IV**, calpain, aminopeptidase, HIV protease, adenovirus protease, HSV-1 protease, HCMV protease and HCV protease. Caspase-3 substrate, N-Ac-DEVD-N'-octyloxycarbonyl Rhodamine 110 (preparation given), was used to stain apoptotic HL-60 cells.
AN 130:308784 CA
TI Novel fluorescent reporter molecules and their applications including assays for caspases
IN Weber, Eckard; Cai, Sui Xiong; Keana, John F. W.; Drewe, John A.; Zhang, Han-Zhong
PA Cytovia, Inc., USA
SO PCT Int. Appl., 203 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9918856	A1	19990422	WO 1998-US21231	19981009

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

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          RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
              FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
              CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
      CA 2308125          AA   19990422       CA 1998-2308125  19981009
      AU 9910722          A1   19990503       AU 1999-10722    19981009
      EP 1026988          A1   20000816       EP 1998-953317   19981009
          R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
              IE, SI, LT, LV, FI, RO
      JP 2001519368       T2   20011023       JP 2000-515498   19981009
      US 6342611          B1   20020129       US 1998-168888   19981009
      US 6335429          B1   20020101       US 2000-521650   20000308
PRAI  US 1997-61582P      P    19971010
      US 1998-33661       A    19980303
      US 1998-145746P     P    19980303
      US 1998-168888      A3   19981009
      WO 1998-US21231     W    19981009
OS    MARPAT 130:308784
RE.CNT  4      THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
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